

Amendments to the Claims

Listing of Claims:

Claims 1 - 14 (canceled).

Claim 15 (new): A method of generating a structure representation describing a specific automation system from a model structure representation describing a general automation system, wherein the model structure representation has a structured representation of functional groups in the general automation system and respective links to one another, and each functional group is assignable one or more components of the specific automation system, the method which comprises the following steps:

providing a text file representing the model structure representation to a data processing device that controls the specific automation system;

determining, with the data processing device, those components of the specific automation system that are jointly assignable to a functional group in the model structure representation; and

entering the components ascertained in the determining step into the model structure representation to generate the structure representation describing the specific automation system.

Claim 16 (new). The method according to claim 15, wherein instructions contained in the text file prompt the data processing device to check only selected

functional groups to determine whether a plurality of components of the specific automation system are jointly assignable to the functional group.

Claim 17 (new). The method according to claim 15, wherein:

wherein the determining step comprises sending an electronic query to the respective components or to a common control device that is superordinate to the respective components; and

responding, with the respective components or with the superordinate common control device, to the electronic query by sending an electronic response to the data processing device with a respectively unique identification key.

Claim 18 (new). The method according to claim 17, wherein components of the specific automation system can each be jointly assigned to a functional group in the model structure representation use identification keys of a common type when sending the electronic response.

Claim 19 (new). The method according to claim 17, wherein the responding step comprises transmitting further data characterizing the respective components with the electronic response.

Claim 20 (new). The method according to claim 15, which comprises also determining a component for a functional group that is assignable a single component and entering the single component into the model structure

representation to complete the structure representation describing the specific automation system.

Claim 21 (new). The method according to claim 15, which comprises addressing the respective components of the specific automation system with the data processing device using a component path that contains at least one identification for the respective component.

Claim 22 (new). The method according to claim 21, which comprises:

ascertaining, with the data processing device, information that is typical of a component of a functional group or that is common to a plurality of components of a functional group by generating from the relevant component path a type path indicating the relevant functional group; and

using the type path with the data processing device to read the information for the relevant functional group from the text file.

Claim 23 (new). The method according to claim 22, wherein the data processing device generates the type path from the component path by removing the at least one identification for the respective component from the component path to form the type path.

Claim 24 (new). The method according to claim 21, which comprises formulating the component path and the type path with the language XPath.

Claim 25 (new). The method according to claim 15, which comprises converting the structure representation describing the specific automation system into a graphical representation by the data processing device.

Claim 26 (new). The method according to claim 25, which comprises displaying the graphical representation based on the structure representation on a user device associated with the data processing device.

Claim 27 (new). The method according to claim 25, which comprises converting the structure representation into the graphical representation, and displaying the graphical representation using a browser device on a user device.

Claim 28 (new). The method according to claim 15, which comprises using XML for the text file representing the model structure representation.